DECLASSIFIED

MONTHLY BULLETIN

OF

THE OBSERVATORY

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JUL 2 1943
WEATHER BUREAU

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL 1943

J. A. BROWN, DIRECTOR

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APRIL 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC' Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.2	60.8	60.3	60.8	23.6	13.9	18.4	21.5	16.9	18.9
2	58.2	56.9	57.1	57.4	22.3	13.9	16.2	22.1	16.3	18.2
3	7.4	8.1	8.4	8.0	21.5	16.1	16.4	21.1	16.6	18.0
4	4.6	49.8	0.5	1.6	21.4	16.1	16.7	20.9	17.8	18.5
5	5.9	56.5	6.9	6.4	21.4	8.9	14.7	13.8	13.3	13.9
6	56.9	58.1	59.6	58.2	21.4	8.4	11.2	9.7	11.5	10.8
7	61.1	62.4	63.5	62.3	17.9	9.9	10.1	15.3	12.6	12.7
8	4.1	3.2	4.0	3.8	19.4	10.7	13.1	18.2	12.9	14.7
9	3.6	3.6	2.6	3.3	20.8	14.1	14.4	18.9	14.9	16.1
10	59.6	57.0	55.6	57.4	27.8	15.1	20.9	22.7	19.4	21.0
11	57.8	57.7	58.1	57.7	19.6	10.1	17.1	16.7	14.3	16.0
12	8.8	9.0	61.1	9.6	17.3	10.4	14.8	14.6	10.8	13.4
13	61.7	61.8	2.6	62.0	18.7	10.0	14.5	18.2	11.7	14.8
14	2.2	2.9	3.5	2.9	17.0	10.4	11.7	13.2	12.4	12.4
15	3.1	3.8	4.3	3.7	19.0	11.0	14.9	13.4	12.7	13.7
16	63.8	62.6	62.5	63.0	19.1	11.3	12.3	17.2	13.8	14.4
17	2.7	2.2	2.6	2.5	20.3	11.8	15.1	19.0	14.1	16.1
18	2.7	2.9	3.1	2.9	20.1	11.8	15.0	17.6	14.4	15.7
19	4.4	5.1	6.5	5.3	19.9	12.8	16.2	19.2	14.4	16.6
20	7.0	6.8	6.7	6.8	20.8	13.1	16.4	19.8	15.6	17.3
21	66.4	65.9	64.9	65.7	20.9	15.6	16.2	19.6	16.3	17.4
22	4.2	3.2	2.8	3.4	23.6	16.4	18.2	22.6	18.2	19.7
23	2.3	1.7	2.0	2.0	23.4	16.4	18.5	21.4	17.4	19.1
24	2.6	2.5	2.4	2.5	22.6	15.8	18.6	22.3	17.3	19.4
25	2.7	3.0	2.2	2.6	22.5	16.7	18.3	21.4	17.9	19.2
26	63.0	62.0	62.4	62.5	22.9	16.7	18.4	21.9	18.9	19.7
27	1.5	0.8	0.8	1.0	24.0	16.9	18.3	22.3	18.1	19.6
28	1.5	1.7	2.5	1.9	24.1	16.8	20.4	23.2	18.3	20.6
29	3.1	2.7	1.9	2.6	26.0	18.4	19.8	25.1	19.6	21.5
30	0.8	59.7	58.2	59.6	25.0	18 4	21.7	24.2	20.0	22.0
	61.48	61.14	61.32	61.31	21.46	13.59	16.28	19.23	15.61	17.04

Barometer, range for month 749.8 — 767.0 mm.

„ 62-yr. average for month 760.04 mm.

Thermometer, range for month 8.4° — 27.8° C.

„ 62-yr. average for month 18.69° C.

Rain, total for month 116.06 mm.

„ , 62-yr. average for month 57.40 mm.

„ , total, from Sept. 1st 1119.88 mm

62-yr. average, total from Sept. 1st 862.07 mm

Summer time

APRIL 1943

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	8.2	11.9	10.4	10.2	51	62	73	62	9.2	256.0	
2	10.7	14.3	11.9	12.3	78	72	87	79	9.6	232.0	
3	11.8	14.4	12.8	13.0	85	77	91	84	9.8	424.0	
4	12.0	14.6	13.1	13.2	84	79	86	83	5.2	368.0	
5	9.8	9.2	8.5	9.2	76	78	74	77	2.0	1056.0	0.51
6	7.5	8.1	7.7	7.8	75	91	76	81	0.0	848.0	25.91
7	8.6	9.9	8.3	8.9	93	76	76	82	3.4	344.0	15.49
8	7.6	9.2	8.5	8.4	67	59	75	67	9.3	408.0	0.51
9	9.3	10.2	10.4	10.0	76	63	82	74	7.2	272.0	
10	8.2	11.9	8.8	9.6	45	58	52	52	9.7	592.0	
11	7.8	9.7	9.0	8.8	54	69	74	66	4.4	1024.0	5.84
12	9.8	9.7	8.8	9.1	70	78	90	79	2.2	784.5	33.01
13	8.2	10.0	10.0	9.4	67	64	96	76	3.6	576.0	9.39
14	9.1	10.3	9.7	9.7	89	91	91	90	1.8	400.0	18.54
15	9.1	10.5	8.9	9.5	73	91	80	81	4.3	448.0	6.35
16	9.0	10.3	9.6	9.6	84	71	82	79	7.8	336.0	0.51
17	8.9	11.5	10.0	10.1	71	71	84	75	8.5	208.0	
18	9.7	11.4	10.0	10.0	76	69	81	75	8.2	156.8	
19	9 8	11.0	10.0	10.3	72	67	81	73	10.3	184.0	
20	9.9	12.5	11.6	11.3	72	72	88	77	10.0	392.0	
21	11.3	12.3	12.2	11.9	82	72	89	81	10.4	344.0	
22	13.1	15.3	13.9	14.1	84	76	89	83	10.8	360.0	
23	13.8	14.9	14.4	14.4	87	78	97	87	10.9	192.0	
24	13.6	14.7	13.3	13.9	85	74	91	83	10.7	416.0	
25	13.4	14.2	13.0	13.5	86	75	85	82	7.8	288.0	
26	13.7	14.8	14.4	14.3	87	75	88	83	9.3	224.0	
27	13.8	15.2	14.4	14.5	88	77	93	86	9.8	208.0	
28	14.1	15.7	14.6	14.8	79	75	93	82	11.7	296.0	
29	14.6	17.3	15.3	15.6	85	73	88	82	11.8	344.0	
30	15.2	18.0	15.5	16.2	79	81	89	83	10.0	464.0	
	10.68	12.40	11.29	11.45	76.7	73.3	84.1	78.1	7.65	414.82	3.80

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2ci	5ci	0	2.3	1e	1sw	1sw	slight	summer time start
2	0	4cu	0	1.3	1se	0	1sw	„	
3	0	0	0	0.0	1sw	2sw	1sw	„	
4	10cu	8cu	0	6.0	2sw	1s	1sw	„	
5	10cu	10cu	0	6.7	2sw	2sw	3sw	mod.	g. &4 th. at night
6	10cu-ni	10ni	7cu-ni	9.0	3sw	4sw	3sw	rough	
7	8ni	5cu	8ni	7.0	1sw	2sw	0	mod.	
8	1cu	0	0	0.3	1s	2sw	0	slight	
9	10cu	0	0	3.3	0	1sw	0	„	haze
10	0	0	0	0.0	2e	1e	3sw	„	„
11	0	8cu-ni	10cu-ni	6.0	3sw	5sw	3sw	rough	g. rain ths. a.m.
12	6cu-ni	9ni	9ni	8.0	3sw	3sw	1sw	„	
13	7cu-ni	6cu	10ni	7.7	2sw	3sw	2sw	mod.	
14	10ni	9ni	9cu-ni	9.3	1sw	0	0	slight	
15	5cu	10ni	8cu	7.7	1sw	0	1sw	„	
16	10ni	0	1cu	3.7	1sw	1w	1ne	slight	
17	1cu	4cu	4cu	3.0	0	2sw	0	„	
18	1cu	7cu	0	2.7	0	1sw	0	light	
19	2cu	2ci	0	1.3	1e	1nw	0	„	
20	0	1cu	2cu	1.0	1sw	2sw	0	slight	
21	3cu	0	0	1.0	0	1nw	2ne	slight	dew a.m.
22	0	0	0	0.0	1nw	2ne	0	„	„ „
23	0	1ci	0	0.3	0	1ne	0	„	„ „
24	1ci	1cu	0	0.7	2sw	2sw	1sw	„	„ „
25	3cu	3cu	10cu	5.3	1sw	2sw	0	„	„ „
26	9cu	5cu	8cu	7.3	2w	2nw	0	slight	
27	6cu	2cu	0	2.7	0	1nw	0	„	dew a.m.
28	0	1cu	0	0.3	1sw	2sw	0	„	„ „
29	0	0	0	0.0	1w	2n	2n	„	„ „
30	0	0	0	0.0	2n	2ne	2n	„	„ „
				3.46					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	0	3	1	1	15	2	1	6	30
14:30	1	3	1	0	1	16	1	4	3	30
20:30	2	2	0	0	0	12	0	0	14	30
Totals	4	5	4	1	2	43	3	5	23	90

Number of days with rain 10, fog 0, thunderstorms 2, gale 2.

62 yr. av. days with rain during month 6.3 days